



PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

Application Number	10/568,845
Filing Date	February 17, 2006
First Named Inventor	Weol Dong Cho et al.
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	11983.17

**ENCLOSURES (Check all that apply)**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached.<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify<br>below): |
|--|--|---|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Kirton & McConkie		
Signature			
Printed name	Kenneth E. Horton		
Date	May 17, 2006	Reg. No.	39,481

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Erin Cowles

Date May 17, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Erin Cowles

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.	:	10/568,845	Confirmation No.	n/a
Applicant	:	Weol Dong Cho et al.		
Filed	:	February 17, 2006		
TC/A.U.	:	n/a		
Examiner	:	n/a		

Docket No. : 11983.17

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

To Whom It May Concern:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). Applicants ask that the attached Form PTO/SB/08A be initialed and returned in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

**COMMONLY OWNED, RELATED U.S. PATENTS AND APPLICATIONS**

- ☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- ☐ It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d)); or
  - ☐ It is being filed within 3 months of entry of a national stage; or
  - ☒ It is being filed before the mail date of the first Office Action on the merits; or
  - ☐ It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.
- ☐ 37 C.F.R. §1.97(c). If this statement is being filed three months after the filing date of a national application or entry of the national stage in an international application and the mailing date of a first Office action on the merits but before the mailing date of the earlier of a final office action, a notice of allowance, or an action that otherwise closes prosecution in the application, then:
- ☐ a statement as specified in §1.97(e) is provided below; **or**
  - ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:

a statement as specified in §1.97(e) is provided below; **and**

a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

*Fee:*

- ☒ No fee is due.
- ☐ A check that includes \$\_\_\_\_\_ for the above-identified fee(s) is enclosed.
- ☐ A credit card payment form providing \$\_\_\_\_\_ for the above-identified fee(s) is enclosed.
- ☐ This statement is filed as one part of a multi-part submission. The fee for the complete submission was included in an electronically filed submission on \_\_. Applicants request the foregoing fee be accepted for this statement. (See OG Notice dated 17 September 2002.)

Date:

5/17/06

Respectfully submitted,

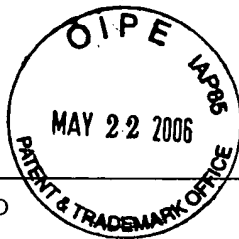
By



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Appl. no. 10/568,845  
IDS dated May 17, 2006



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

*Complete If Known*

Application Number	10/568,845
Filing Date	February 17, 2006
First Named Inventor	Weol Dong Cho et al.
Group Art Unit	n/a
Examiner Name	n/a
Attorney Docket No.	11983.17

Sheet 1 of

## **U.S. PUBLISHED PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publ./Issue Date	Related <sup>#</sup>	Copy Enclosed
		Number	Kind Code <sup>2</sup>				
	1.	6,368,380		Kubota et al.	4/9/2002		
	2.	5,911,327		Tanaka et al.	6/15/1999		
	3.	5,090,999		Iwase	2/25/1992		
	4.						
	5.						
	6.						
	7.						
	8.						

## **U.S. UNPUBLISHED PATENT APPLICATIONS**

Examiner Initials*	Cite No. <sup>1</sup>	Serial No.	Name of Applicant	Filing Date	Related <sup>#</sup>	Copy Enclosed
	9.					

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publ. Date	T <sup>6</sup>	Copy Enclosed
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
	10.		WO 2005/019481		Cho et al.	3/3/2005		

## **OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	Copy Enclosed
	11.	Cho et al., <i>High-Temperature Oxidation of Fe sub 3Al Containing Yttrium</i> , Journal of Materials Science, Vol. 35, No. 18, pp. 4695-4703.		Yes
	12.	Cho et al., <i>Diffusional Dissolution of Alumina in Various Steelmaking Slags</i> , ISIJ International, Vol. 44, 2004, No. 2, pp. 229-234		Yes

Examiner Signature	Date Considered
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

# Commonly owned US patent or application whose subject matter may be related to the subject matter of the instance patent application.